

## CLAIMS

1. A guide wire comprising a distal end portion and a main body portion, wherein said main body portion comprises a center layer  
5 formed of a first material, a surface layer formed of a second material, and an intermediate layer formed of a mixture of said first material and said second material.
2. A guide wire according to claim 1, wherein said distal end portion is formed of said first material, and is continuous with a central  
10 portion of said main body portion.
3. A guide wire according to claim 1, comprising an intermediate portion located between said distal end portion and said main body portion, wherein said intermediate portion comprises a center layer formed of said first material, and a surface layer formed of a  
15 mixture of said first material and said second material.
4. A guide wire according to claim 1, wherein said intermediate layer formed of the mixture of said first material and said second material is decreased in the content of said first material toward said surface layer and increased in the content of said second material toward  
20 said surface layer.
5. A guide wire according to claim 1, wherein said first material is a first metallic material, and said second material is a second metallic material higher in rigidity than said first metallic material.
6. A guide wire according to claim 1, wherein said first material  
25 is an Ni-Ti based alloy or a contrast metal.
7. A guide wire according to claim 1, wherein said second material is a stainless steel.
8. A guide wire comprising a distal end portion, a main body portion, and an intermediate portion located between said distal end  
30 portion and said main body portion,

said intermediate portion comprises a center layer formed of a first material, and a surface layer formed of a mixture of said first material and a second material.

9. A guide wire comprising a distal end portion and a main  
5 body portion, wherein said main body portion comprises a center layer formed of a first material, a surface layer formed of a second material, and an intermediate layer formed of a mixture of said first material and said second material,

said intermediate layer is increased in the content of said first  
10 material toward said center layer,

wherein said first material is a first metallic material, and said second material is a second metallic material higher in rigidity than said first metallic material.